

CLAIMS

What is claimed is:

1. An alkylphenol ethoxylate-free polymer binder, said polymer binder formed by
5 emulsion polymerization and having a peel value of 35 % to 200 % of a standard
alkylphenol ethoxylate-based polymer binder control and a cure profile in which 55 %
cure is achieved within 30 seconds of being exposed to a temperature required for cure,
said polymer binder having properties that render it effective as a binder in a crepe
process.

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2. The polymer binder of claim 1 wherein said crepe process is a double recrepe
process.

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3. The polymer binder of claim 2 wherein the peel value is 50 to 125 % of control
binder.

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4. An alkylphenol ethoxylate-free polymer binder, said polymer binder formed by
emulsion polymerization and having a peel value of 35 % to 200 % of a standard
alkylphenol ethoxylate-based polymer binder control and a cure profile in which 55 %
cure is achieved within 30 seconds of being exposed to a temperature required for cure,
said polymer binder having properties that render it effective as a binder in a double
recrepe process.

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